METHOD AND SYSTEM FOR MOVING IN A CONTENT OBJECT STORED IN A DATA REPOSITORY

ABSTRACT

5   A web-based system, method and program product are provided for adding content to a content object stored (e.g., a custom compilation or prepublished work) in a data repository as a group of hierarchically related content entities. Each noncontainer content object is preferably stored as a separate entity in the data repository. Each content entity is also stored as a row in a digital library index class as a collection of attributes and references to related

10   content entities and containers. As the user selects desired objects for inclusion in a content object, the system arranges the objects hierarchically, e.g., into volumes, chapters and sections according to the order specified by the user. The system then creates a file object (e.g., a CBO) defining the content object that contains a list or outline of the container and noncontainer entities selected, their identifiers, order and structure. This file object is stored separately in the

15   data repository. Content is moved in the content object by moving desired ones of the container and noncontainer content entity identifiers to new locations in the list or outline. This is achieved through a user interface by providing a mechanism for enabling a user to select a container or noncontainer (e.g., by title) to be moved and specify a target location for the content entity (e.g., by inserting the container or noncontainer title between other titles in the outline.)

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